

A. J. STOLL.
STRANGLER.
APPLICATION FILED OCT. 19, 1910.

1,035,059.

Patented Aug. 6, 1912

Fig. 1.

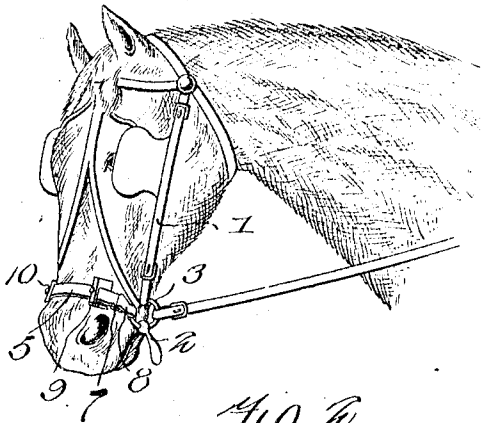


Fig. 3.

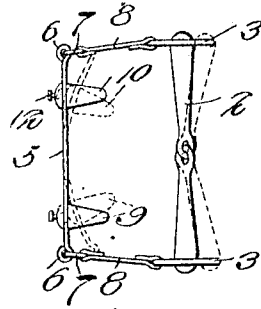


Fig. 4.

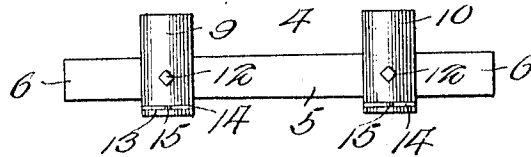


Fig. 2.

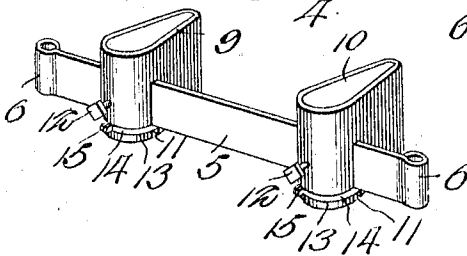


Fig. 5.

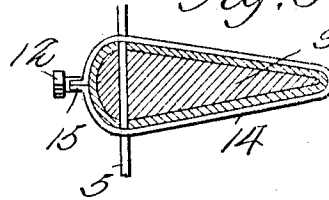


Fig. 6.

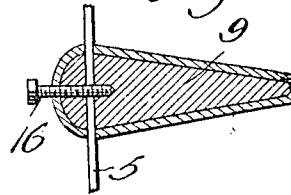
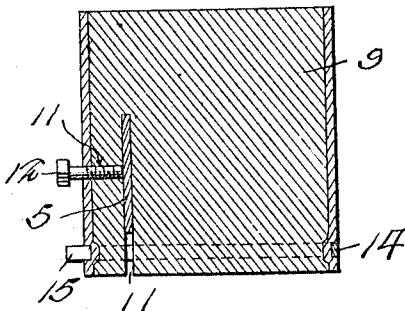


Fig. 7.



Witnesses

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STRANGLER.

1,035,059.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, ALVIN J. STOLL, a citizen of the United States, residing at Parkman, in the county of Geauga and State of Ohio, have invented new and useful Improvements in Stranglers, of which the following is a specification.

This invention relates to improvements in devices for controlling spirited, vicious, or hard-mouthed horses, and the primary object of the invention is to provide a device of this class which is simple in construction, which may be connected with the rings of a snaffle or other bit, and which is provided with pads adapted to press upon and close the nasal passages when the animal shows a tendency to become unmanageable.

With the above, and other objects in view, which will appear as the description progresses, the invention resides in the novel construction and combination of parts hereinafter fully described and claimed.

In the accompanying drawings, Figure 1 is a perspective view showing the application of the device. Fig. 2 is a similar view of the improvement detached. Fig. 3 is a plan view showing the device in applied position upon a bridle bit, and illustrating by the dotted lines the position of the pads when pressure is exerted on the bit. Fig. 4 is a front elevation of the attachment. Fig. 5 is a detail sectional view taken through the upper portions of one of the pads. Fig. 6 is a sectional view illustrating a slightly modified form of retaining the pad upon the strap. Fig. 7 is a longitudinal sectional view through the device illustrated in Fig. 5.

In the accompanying drawings the numeral 1 designates an ordinary bridle which is shown, in Fig. 1 applied to the head of an animal.

The numeral 2 designates the bit, and 3 the rings loosely connected upon the ends of the bit and adapted for the reception of the harness reins. The bit illustrated in Fig. 3 of the drawings is of that class known as the snaffle bit which comprises a pair of sections centrally connected together, but it is to be understood that the device may be successfully applied to the ordinary or straight bits if desired.

The numeral 4 designates the improved safety device. This device 4 comprises a strap 5 which is constructed of some suitable flexible material, and the said band has its

opposite ends formed with loops or eyes 6 which are adapted for the reception of suitable bails 7, the said bails being adapted for connection with the rings 3 of the bit through the medium of leather straps 8 as shown, or through the medium of straps or bands or the like as desired.

The numerals 9 and 10 indicate the pads which are slidably mounted upon the strap 5. These pads may be constructed of wood or any other desired material and may be each provided with a covering of some soft substance, such as chamois, cloth or the like, and each of the members 9 and 10 have their front portions provided with a longitudinal slit 11 of a size sufficient to snugly engage the strap 5. The front faces of each of the members 9 and 10 are formed with suitable threaded openings 11, the same being adapted for the reception of headed screws 12 whereby the pads may be retained in proper adjustment upon the strap 5 to position the same over the nasal passages of the animal. The pads 9 and 10 are substantially V-shaped in cross section but have their apexes rounded so as to present no sharpened surface which may tend to injure the animal. The pads may be provided with continuous depressions 13 which are arranged below the strap 5 and which are adapted to receive strips of suitable material, as designated by the numeral 14. These strips have their ends 15 connected in any desired manner. If desired, however, and as illustrated in Fig. 6 of the drawings, the front or bifurcated portions of the said pads may be provided with suitable openings, the same adapted for the reception of threaded headed elements 16. These openings are arranged adjacent the bottom of the pads and below the bottom edges of the bands.

From the above description, taken in connection with the accompanying drawings, it will be noted that I have provided an extremely simple and effective device for the purpose intended, and while I have illustrated and described the preferred embodiment of the improvement, as it now appears to me, minor details of construction, within the scope of the following claims may be resorted to if desired.

Having thus fully described the invention, what I claim as new is:—

1. In combination with a bridle bit having the usual rein rings, a flexible strap, said strap having its opposite ends provided

with openings, loops for the openings, bands connected with the loops and with the rings of the bit, a pair of pads upon the strap, each of said pads being provided with a
5 slitted opening to receive the strap, a threaded element for each of the pads and engaging with the strap, and the said pads being provided with means arranged be-
10 neath the strap to prevent the accidental removal of the pads from the strap.

2. In combination with a bridle bit, a flexible strap and means for connecting the strap with the bit, a pair of pads upon the strap, each of said pads comprising a mem-
15 ber having a covering of soft material, each of said pads being slitted transversely ad-

jacent their lower portions, the strap adapted to be received within the said slitted portions of the pads, each of the pads being provided at a point below the lower edge of
20 the strap with a continuous depression, a strip within each of the depressions and having their ends connected, and means for securing the pads in a longitudinally adjusted
25 position upon the strap.

In testimony whereof I affix my signature in presence of two witnesses.

ALVIN J. STOLL.

Witnesses:

O. O. STOLL,

MAY H. SPERRY.